



# LARC



Volume 59, Number 05

ACADIANA AMATEUR RADIO ASSOC., INC. - a 501(c)3 Corporation May 2019

## The Salvation Army Responds To EF-3 Tornado in Louisiana

Reprinted from the Salvation Army Team Emergency Radio Network Newsletter April 25, 2019

Ruston, LA (04/26/2019) – In the early morning hours of 25 April a tornado struck the city of Ruston, Louisiana, killing a mother and her 14 year old son and leaving an extensive amount of debris from damaged buildings, fallen trees and downed power lines.

With a population of approximately 22,000, the city is also the home of Louisiana Tech which serves a student population of approximately 12,000. The school experienced damage to its field house, some dorms and a significant amount of debris scattered around the campus.

In the wake of the storm, the Monroe Corps quickly deployed its Canteen (mobile kitchen) to provide food, hydration and emotional and spiritual care to those affected by the storm. Two additional Canteens and disaster relief personnel from Alexandria and Shreveport were deployed the next day.

Incident Commander, Auxiliary Captain Jerome “Jerry” Casey stated, “As we deploy the mobile feeding unit to meet immediate needs, we will also be working with the local emergency management officials to assess the needs of the community in the days to come. We’re meeting a lot of grateful people and they’re glad we’re here. Some of them don’t understand why this happened, so we’re doing some spiritual nourishing as well as physical. We’re serving a lot of people in different situations.”



### AARA GENERAL MEETING

**May 2 @ 7:00 PM**

Lafayette Science Museum 433 Jefferson St. Lafayette, LA

[www.w5ddl.org/clubsite/](http://www.w5ddl.org/clubsite/)

**VE Testing @ 6:00 PM**

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*By the*

*Acadiana Amateur Radio Assoc., Inc.*

*P. O. Box 51174*

*Lafayette, LA 70505-1174*

**DATES TO REMEMBER****GENERAL MEETING**

May 2, 2019 7:00 PM  
Lafayette Science Museum  
433 Jefferson Street  
Lafayette, LA

<http://www.w5dcl.org/clubsite/>  
Local 2-Meter Nets

**Monday**

AARA Monday Night Net 7:00 PM  
146.820 PL 103.5 Lafayette, LA

**Tuesday**

Region 4 SkyWarn Net 7:00 PM  
145.370 - PL 103.5 Lafayette, LA

**Wednesday**

Silent Key Memorial Net 6:30 PM  
145.410 No PL New Iberia, LA

146.820 - PL 103.5 Lafayette, LA  
EchoLink Node: 370324

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**Low Audio for ISS SSTV Transmissions Raises Issue of Crew's Ability to Intervene**

Reception problems owing to low audio levels plagued a recent round of Amateur Radio on the International Space Station-sponsored (ARISS) slow-scan TV transmissions from the International Space Station (ISS). Some clever operators on the receiving end were able to use software to bump up the deficient audio so the images would decode properly. But the matter raised questions concerning the ISS crew's ability to troubleshoot problems and to make adjustments to the Amateur Radio gear on the fly. ARISS-International Chair and AMSAT Vice President for Human Spaceflight Programs Frank Bauer, KA3HDO, subsequently posted an explanation of how Amateur Radio fits into the operation of the ISS and the astronauts' ability to service and operate it.

"Please remember that ARISS is not the prime activity on ISS," Bauer said. "There are over 300 international experiments currently operational on ISS on this expedition." Bauer said the vast array of ongoing experiments means it's only possible to "occasionally get suggestions to the crew" to make changes relative to the Amateur Radio payload. "Any workarounds on any experiment/payload will compete with the crew's already fully booked schedule," he explained.

Bauer said that once ARISS has its Interoperable Radio System on board, it plans to augment the system with ground-command capability. "Once in place, we will be able to do many things with our radio without crew intervention, including mode changes to support SSTV, APRS, voice repeater, etc," Bauer said. "This capability will also be important if we fly ham radio on the Lunar Gateway, which will not have crew on it 24/7."

Bauer pointed out that keeping ARISS afloat and able to implement new Amateur Radio capabilities requires "a great deal of funding," and he used the opportunity to note that ARISS has a fundraising activity under way to get the Interoperable Radio System ready for launch. "If you really want to see improvements in the ISS radio system from where it is today, please strongly consider donating to ARISS," Bauer said. Read more. -- Thanks to AMSAT News Service



Patrick Stoddard, WD9EWK, was able to get acceptable SSTV images by tinkering with the received audio and then decoding.

**April 2019**



## VE TEST SESSION

**4 April 2019**

*Another pretty good night. We wound up with 3 new Techs, 1 upgrade to General & 1 upgrade to Amateur Extra.*

*Those becoming Techs were:  
Wayne G. Broussard ~KI5EGK of Abbeville, Michael L. Huggins ~KI5EGL of Lafayette & Martin L. Cannon ~KI5EGM of Lafayette.*

*The new General is David J. De Court ( KI5DHH) of New Iberia & the new Amateur Extra is Michael D. Perrin ( W5NAL) of Eunice.*

*The VES in attendance were :  
GREG ~ K5LFT, Galen ~ KF5BET, Ric ~ KF5KEL & John ~ W4HVVH.*

*Congratulations to those that passed to a Tech& to the upgrades as well. And as usual a great big thank you to the VES without who's help this would not be possible.*

**73, de Greg ~ K5LFT**



### Commemorating the Louisiana Purchase in 1803

**Call Sign: W5L**

**When: Saturday April 27 to May 5, 2019**

**Time: 0000 UTC to May 2359 UTC**

**Sponsor: NorthEast Louisiana Amateur Radio Club**

**Website: <http://nelarc.org/2019-W5L/>**

**Facebook Page:**

**[https://www.facebook.com/events/341744536667469/?active\\_tab=about](https://www.facebook.com/events/341744536667469/?active_tab=about)**

**If you would like to participate as an operator from your QTH and check out the guidelines, you need to sign up at: <http://nelarc.org/2019-W5L/W5L.pdf>**

### FIELD DAY 2019

Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN! It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

This year's AARA Field Day will be held June 22-23 at Steve Webre's farm in Churchpoint. More info at [Www.w5ddl.org/clubsite/news](http://Www.w5ddl.org/clubsite/news).

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## Annual Armed Forces Day Crossband Test Set for May 11

From ARRL.org news April 29, 2019

The Army Military Auxiliary Radio System (MARS) will host the traditional military/Amateur Radio communication tests to mark the 68th annual Armed Forces Day (AFD) on Saturday, May 11. The event is open to all radio amateurs. Armed Forces Day is May 18, but the AFD Crossband Military-Amateur Radio event traditionally takes place 1 week earlier in order to avoid conflicting with Hamvention®. Complete information, including military stations, modes, and frequencies, is available on the US Army MARS website.

“For more than 50 years, military and amateur stations have taken part in this event, which is only an exercise scenario, designed to include hobbyist and government radio operators alike,” the event announcement said. “The AFD Crossband Test is a unique opportunity to test two-way communications between military communicators and radio stations in the Amateur Radio Service, as authorized in 47 CFR 97.111. These tests provide opportunities and challenges for radio operators to demonstrate individual technical skills in a tightly-controlled exercise scenario that does not impact any public or private communications.”

During the event, military stations in various locations will transmit on selected military frequencies and announce the specific ham frequencies they are monitoring.

Military stations expected to be on the air for the event include those in Arizona, Japan, Hawaii, Okinawa, Washington, DC (and elsewhere in the contiguous states), the USS Midway, the USS Yorktown, the USS Iowa, LST-325, the US Naval Academy in Annapolis, and the Newport Naval Radio Station Museum in Rhode Island. The MARSCOMM and MARSRADIO nationwide networks will have multiple stations on the air across the continental US.

An AFD message will be transmitted utilizing the Military Standard (MIL-STD) serial PSK waveform (M110) followed by MIL-STD Wide Shift FSK (850 Hz RTTY), as described in MIL-STD 188-110A/B. Technical information is available. The AFD message will also be sent in CW and RTTY, as indicated on the full schedule. Anyone wanting a QSL should complete the request form on the MARS website.



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### Smithsonian Institution's NN3SI Returning to the Air

From ARRL.org newsletter Match 28, 2019

The historic NN3SI call sign is being reactivated under the aegis of the Smithsonian Institution Amateur Radio Group. "We do not have a physical station location, and we are not open for guest operation as in the past, but this is the start to Amateur Radio slowly coming back at the Smithsonian," the group's president, John Weise, N4NPG, told ARRL. "We expect to begin operating holiday-style starting in April."

Smithsonian Secretary S. Dillon Ripley (left), then-ARRL President Harry Dannals, W2HD, and operator Joseph Fincutter, W3IK, inaugurate NN3SI in July 1976.

NN3SI will operate mobile and portable from several District of Columbia, Virginia, and Maryland locations on most bands and modes. NN3SI hopes to be on the air for most contests this year including Rookie Roundup, the ARRL June VHF Contest, and ARRL Field Day, Weise added. As he recounts, NN3SI was initially a temporary "special" call sign granted to the Smithsonian during the US bicentennial in 1976, and the station remained active until 2008 when building renovations left NN3SI without a permanent location.

"The call sign lapsed, but was renewed this year," Weise said, "and the new Smithsonian Institution Amateur Radio Group has been organized as a club for Smithsonian staff members, and to provide important emergency management and STEM educational resources to the Smithsonian Institution." -- Thanks to John Weise, N4NPG

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### World Scout Jamboree Gearing Up for Significant Amateur Radio Presence

From ARRL.org news 04/30/2019

Amateur Radio will play a role in this summer's 24th World Scout Jamboree in West Virginia, the first World Jamboree held in North America. The Jamboree has chosen the theme "Unlock a New World." Thousands of Scouts and Scout leaders from some 200 countries are expected to attend. The Jamboree's Amateur Radio Exhibit will use the call sign NA1WJ — North America's 1st World Jamboree. It will be on the air during the event, July 22 until August 2, at the Summit Bechtel Reserve, hosted by Canada, Mexico, and the US. Amateur Radio testing is expected to begin as early as July 14. Operating frequencies will be posted in real time via Facebook and Twitter or via an NA1WJ email group.

"The goals of the Amateur Radio station at the World Scout Jamboree are to introduce Amateur Radio to Scouts and Scout leaders through hands-on participation in two-way communication with other stations across the globe. This activity will also serve as the Amateur Radio voice of the Jamboree," the World Scout Jamboree Amateur Radio Exhibit Operational Vision document states. Other facets of Amateur Radio at the Jamboree will include Amateur Radio direction finding (ARDF), Amateur Radio satellite contacts, and a scheduled Amateur Radio on the International Space Station (ARISS) contact with an ISS crew member.

The 2019 World Scout Jamboree operation at the Summit Bechtel Scout Reserve will take advantage of lessons learned by the K2BSA Amateur Radio operation during the 2013 and 2017 USA National Jamborees. It will also take advantage of the existing infrastructure, which includes three VHF/UHF repeaters installed by Icom America, as well as the utility poles for installing antennas. K2BSA ham gear stored in West Virginia includes antennas, rotators, and cables.

## April 2019 AREA 2 METER NET REPORTS

NET	SESSIONS:	TOTAL CHECK-INS:	TOTAL TRAFFIC:	TOTAL TIME: Minutes	Net Manager
AARA Monday Night Net	4	65		102	KD5JSM Danny
Region 4 SkyWarn Net	4	45		113	N5MCY Chris
Silent Key Memorial Net	5	36		64	KD5JSM Danny
Thursday Night Net Cancelled for now					

Error is a hardy plant; it flourisheth in every soil.

~~~ Martin Farquhar Tupper

### AARA Monday Night 2 Meter Net Rotation

Net Controllers will rotate each week and held on the 146.820 W5DDL repeater only.

The 146.820 and 443.00 repeater located on the Chase Towers downtown Lafayette are down indefinitely due to roof repairs. The Monday Night Net and the Silent Key Memorial Net is being held on the 147.040 repeater in Duson, LA until repairs are made. The 145.410 in Lydia is back up, PL of 123.0.

The May 2019 schedule can be downloaded and printed in Adobe Acrobat .PDF from the club website.

<http://www.w5ddl.org/clubsite/news/htm>

| DATE:      | TIME:   | REPEATER:     | PL TONE: | NCS          |
|------------|---------|---------------|----------|--------------|
| 05/06/2019 | 7:00 PM | 146.820 W5DDL | 103.5    | Danny KD5JSM |
| 05/13/2019 | 7:00 PM | 146.820 W5DDL | 103.5    | Paul N5KNY   |
| 05/20/2019 | 7:00 PM | 146.820 W5DDL | 103.5    | Eric KG5JHP  |
| 05/27/2019 | 7:00 PM | 146.820 W5DDL | 103.5    | Chris N5MCY  |



#### UPCOMING BIRTHDAYS

|       |        |         |
|-------|--------|---------|
| 05/06 | W4HVVH | John    |
| 05/18 | KE5HSY | Linda   |
| 05/24 | KG5HNO | Ramona  |
| 05/26 | KD5TJZ | Kathy   |
| 06/05 | KE5LYC | Marilyn |
| 06/05 | KE5RPI | Karen   |
| 06/06 | KE5NTW | Mark    |
| 06/07 | K5VXX  | Joseph  |
| 06/08 | WR5U   | Michael |

### REGION 4 SKYWARN NET

Each Tuesday night at 7:00 PM (local), the Region 4 SkyWarn Net will take place on the 145.370 SkyWarn repeater in Lafayette. Net Control Operators will alternate each week.

In case the 145.370 repeater fails, the net will be held on the 146.820 W5DDL repeater PL Tone 103.5.

The April schedule can be found at this link:

<http://www.w5ddl.org/clubsite/news/htm>

When using the SkyWarn 145.370 repeater, be sure to use the receiver PL Tone for your area as follows:

NW Quadrant 114.8 - NE Quadrant 127.3 - SW Quadrant 141.3 - SE Quadrant 94.8 - Central 103.5.

Some members failed to put their birthdays on their applications for renewal / membership causing some names to be missing from the list.



## **Astronaut and Pioneer for Amateur Radio in Space Owen Garriott, W5LFL, SK**

Owen K. Garriott, W5LFL, the US astronaut who pioneered the use of Amateur Radio to make contacts from space, died April 15 at his home in Huntsville, Alabama. He was 88. Garriott's ham radio activity ushered in the formal establishment of Amateur Radio in space, first as SAREX (the Shuttle Amateur Radio Experiment), and later as ARISS (Amateur Radio on the International Space Station).

"Owen inspired legions of Amateur Radio operators worldwide to support human spaceflight Amateur Radio endeavors and for countless individuals to become ham radio operators," observed ARISS-International President Frank Bauer, KA3HDO.

Garriott, an Oklahoma native, thrilled radio amateurs around the world by making the first contacts from space during 10 days aboard Spacelab-1 during a 1983 Space Shuttle Columbia mission. Thousands of hams listened on 2-meter FM, hoping to hear him or to make a contact. Garriott ended up contacting stations around the globe, among them such notables as the late King Hussein, JY1, of Jordan, and the late US Senator Barry Goldwater, K7UGA.

"I managed to do it in my off-duty hours, and it was a pleasure to get involved in it and to talk with people who are as interested in space as the 100,000 hams on the ground seemed to be," Garriott recounted during an interview published in the February 1984 edition of QST.

Garriott simply used a handheld transceiver with its antenna in the window of Spacelab-1. His first pass was down the US West Coast.

"[A]s I approached the US, I began to hear stations that were trying to reach me," he told QST. "On my very first CQ, there were plenty of stations responding." His first contact was with Lance Collister, WA1JXN, in Montana.

Garriott shared a Hamvention Special Achievement Award in 2002 with fellow Amateur Radio astronaut Tony England, W0ORE. His son, Richard Garriott, W5KWQ, was a private space traveler to the ISS, flown there by the Russian Federal Space Agency, and he also carried ham radio into space.

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## **DoD to use WWV to announce upcoming HF military communication exercises.**

The US Department of Defense (DOD) plans to start making use of a provisional time slot on WWV and WWVH to announce upcoming HF military communication exercises and how the Amateur Radio community can become involved in them. The announcements will occur at 10 minutes past on WWV and at 50 minutes past on WWVH. WWV and WWVH transmit on 2.5, 5, 10, 15, and 20 MHz. The initial announcements are set for the period April 20 – May 3.

*Acadiana Amateur Radio Assoc., Inc.*  
*P. O. Box 51174*  
*Lafayette, LA 70505-1174*  
*Website: <http://www.w5ddl.org>*



*Share the Fun ~  
Bring a Friend  
to be a HAM.*

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### UPCOMING EVENTS

**2019 AARA Field Day    June 22-23            Steve Webre farm Churchpoint, LA**

**Commemorating the Louisiana Purchase April 27, 2019 to May 5, 2019  
more info at <http://nelarc.org/2019-W5L/>**

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### MIMOSA

#### Ingredients:

In each tall champagne glass:

1/2 glass of COLD, fresh squeezed and strained,  
Orange juice (first).

1/2 glass of COLD, inexpensive dry white champagne  
(second).

Splash of orange liqueur (optional) (Triple-Sec,  
Cointreau, or Grand Marnier)

#### ***FCC Information Service***

*Toll Free (WATS) for Amateur  
Radio license inquiries about new/  
vanity call signs: 1-888-225-5322  
This will connect you the FCC Na-  
tional Call Center, handled by the  
FCC's Consumer Information Bu-  
reau. Amateurs having ULS prob-  
lems or questions should contact  
the FCC's ULS Technical Support  
staff at: 202-414-1250 or:*

*[ulscomm@fcc.gov](mailto:ulscomm@fcc.gov).*

#### ***FCC Website:***

*<http://wireless.fcc.gov/uls/>*

*New call sign information can  
also be obtained from the ARRL/  
VEC at 860-594-3000.*

*<http://www.arrl.org/arrlyec>*

*The mailing address to the FCC  
is:  
Federal Communications Commis-  
sion,  
445 12th Street SW  
Washington, DC 20554*